

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 92-015
NPDES NO. CA0027791

WASTE DISCHARGE REQUIREMENTS FOR:

BERKELEY READY MIX COMPANY
BERKELEY, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. Berkeley Ready Mix Company, hereinafter called the discharger, by application dated August 14, 1989 has applied for reissuance of waste discharge requirements and a permit to discharge waste under the National Pollutant Discharge Elimination System (NPDES).
2. This facility manufactures ready mix concrete and asphalt. The discharge consists of stormwater runoff from the site, most of which is open to rainfall. Stormwater runoff is discharged to the Virginia Street gutter which drains into a municipal storm drain that empties into San Francisco Bay. The facility has a stormwater management plan. Stormwater runoff can be contained onsite if desired and used in the cement manufacturing process.
3. The discharge is presently governed by Waste Discharge Requirements, Order Nos. 79-61, 84-79 and 88-154 which allow discharge into a storm drain tributary to San Francisco Bay.
4. The U.S. Environmental Protection Agency (EPA) and the Board have classified this discharge as a minor discharge.
5. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) in December 1986. The State Water Resources Control Board approved it in May 1987. The Basin Plan contains water quality objectives for San Francisco Bay.
6. The beneficial uses of San Francisco Bay are:
 - o Water contact recreation
 - o Non-contact water recreation
 - o Wildlife habitat

- o Preservation of rare and endangered species
 - o Fish migration and spawning
 - o Industrial service supply
 - o Navigation
 - o Commercial and sport fishing
 - o Shellfish harvesting
 - o Estuarine habitat
7. Effluent limitations, toxic effluent standards, established pursuant to Section 301, 304, and 307 of the Clean Water Act and amendments thereto are applicable to the discharge.
 8. Effluent limitation guidelines requiring the application of best practical technology economically achievable have been promulgated by the U.S. Environmental Protection Agency for this type of discharge. Effluent limitations of the Order are based on these guidelines, the Basin Plan, State Plans and Policies, and best professional judgement. The limitations are considered to be those attainable by BPT, in the judgement of the Board.
 9. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 of Division 13) of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.
 10. The Board has notified the discharger and interested agencies and persons of its intent to reissue waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
 11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED THAT Berkeley Ready Mix Company in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

The discharge of wastewater other than stormwater runoff to waters of the State is prohibited.

B. Effluent Limitations

The discharge of stormwater runoff shall not exceed the following limits:

- | 1. | <u>Constituent</u> | <u>Units</u> | <u>Daily
Maximum</u> |
|----|--------------------|--------------|--------------------------|
| | Suspended Solids | mg/l | 50 |
2. The pH of the discharge shall be between 6.5 and 8.5 pH units.
 3. In any representative set of samples, the waste as discharged shall meet the following limit of quality:

TOXICITY: The survival of three-spine stickleback and fathead minnow (or rainbow trout) in a 96-hour bioassay shall not be less than the following:

A median of 90 percent survival and a 90 percentile value of not less than 70 percent survival.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
 - b. Bottom deposits or aquatic growths;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
 - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
 - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge of waste shall not cause the following limits to be exceeded in waters of the State in any place within one foot of the water surface:
 - a. Dissolved Oxygen 5.0 mg/L minimum. Median of any three consecutive months shall

When natural factors cause lesser concentration(s) than those specified above, then this discharge shall not cause further reduction in the concentration of dissolved oxygen


- #### D. Provisions

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Definitions" dated December 1986, except items B.2 and C.8.

6. All applications, reports, or information submitted to the Regional Board shall be signed and certified pursuant to Environmental Protection Agency regulations (40 CFR 122.41K).
7. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this office.
8. Pursuant to Environmental Protection Agency regulations [40 CFR 122.42(a)] the Discharger must notify the Regional Board as soon as it knows or has reason to believe (1) that they have begun or expect to begin, use or manufacture of a pollutant not reported in the permit application, or (2) a discharge of a toxic pollutant.
9. This Order expires February 19, 1997. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
10. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Clean Water Act or amendments thereto, and shall become effective 10 days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

I, Steven R. Ritchie, Executive Officer do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on February 19, 1992.


STEVEN R. RITCHIE
Executive Officer

Attachments:

Self Monitoring Program
Resolution 74-10

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

BERKELEY READY MIX COMPANY

BERKELY, ALAMEDA COUNTY

NPDES NO. CA0027791

ORDER NO. 92-015

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

BERKELEY READY MIX COMPANY
699 VIRGINIA STREET
BERKELEY, CA 94710

PART A. GENERAL

1. Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383 and 13387(b) of the California Water Code and this Regional Board's Resolution 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program are: (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board; (2) to facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge; (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards; and (4) to prepare water and wastewater quality inventories.

2. Self-Monitoring Program

Written reports shall be filed quarterly. The reports shall be comprised of the following:

Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the last reporting period and actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. Monitoring reports and the letter transmitting reports shall be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the

signer's knowledge the report is true and correct.

3. Annual Reporting

By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. The report shall contain a comprehensive discussion of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.

PART B. MONITORING SPECIFICATIONS

Monthly, the discharger shall inspect the plant area and waste containment facilities and report on the following:

1. Inspect the wastewater containment system (berms, pumps, sumps, ect.) to ensure everything is in working order and sufficient containment capacity is available to ensure effluent limitations can be met.
2. Inspect the plant area and perimeter to ensure that effluent limitations can be met should runoff occur.

DESCRIPTION OF SAMPLING STATIONS

A. Effluent

<u>Station</u>	<u>Description</u>
E-1	At the major point of discharge from the plant site to the Virginia Street gutter.

SCHEDULE OF SAMPLING AND ANALYSIS

The schedule of sampling and analysis shall be as follows:

<u>Station</u>	<u>Type of Sample</u>	<u>Analysis</u>	<u>Units</u>
E-1	Grab	Suspended Solids	mg/l
	Grab	pH	pH units

Sampling of the discharge for suspended solids and pH shall be done monthly.

During December a sample of stormwater runoff from station E-1 shall be collected and a toxicity test (fish bioassay) performed on the sample to determine compliance with Effluent Limitation B.3. If there is no discharge during this month then a sample shall be collected at the first subsequent storm

producing a discharge.

C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

Violation of Requirements


In the event the discharger is unable to comply with conditions of the waste discharge requirements or prohibitions due to:

- a. Maintenance work, power failures, or breakdown of waste treatment equipment, or
- b. Accidents caused by human error or negligence, or
- c. Other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone immediately upon obtaining knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and an explanation of the procedures taken to prevent the problem from recurring.

I, Steven R. Ritchie, Executive Officer, hereby certify that the foregoing self-monitoring program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 92-015.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions may be ordered by the Executive Officer.


Steven R. Ritchie
Executive Officer

DATE ORDERED
February 19, 1992